

Accreditation and Quality Assurance Centre Course Syllabus The University of Jordan

1	Course title	Oral Surgery 2 (Clinical) -1301566
2	Course number	1301566
3	Credit hours (theory, practical)	1/2 credit hour
	Contact hours (theory, practical)	2 hours every other week
4	Prerequisites/corequisites	
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	Jordan University
8	School	Dentistry
9	Department	Department of Oral Surgery, Oral Medicine and Periodontology
10	Level of course	Bachelor
11	Year of study and semester (s)	5 <sup>th</sup> year, 1 <sup>st</sup> and 2 <sup>nd</sup> semesters
12	Final Qualification	D.D.S
13	Other department (s) involved in teaching the course	none
14	Language of Instruction	English
15	Date of production/revision	2/10/2022

**16. Course Coordinator:**

Dr. Ziad A. Malkawi  
[zmelkawi@yahoo.co.uk](mailto:zmelkawi@yahoo.co.uk)  
 0795402050

**17. Other instructors:**

Prof Hazem Al-Ahamed [halahmad@hotmail.com](mailto:halahmad@hotmail.com)  
 Prof 'Mohammad Hakam' Al-Shayyab [mshayyab@hotmail.com](mailto:mshayyab@hotmail.com)  
 Prof .Soukaina Ryalat: [salryalat@yahoo.com](mailto:salryalat@yahoo.com)

**18. Course Description:**

As stated in the approved study plan.

**19. Course aims and outcomes: A- Aims:**

- Familiarize students with the basic principles of oral surgery practice
- Students should be competent at communication with patients, other members of the dental team and other health professionals
- Students should have knowledge of the scientific principles of sterilisation, disinfection and antisepsis
- Students should have knowledge of the pharmacological properties of those drugs used in general practice including their unwanted effects
- Students should be familiar with the pathological features and dental relevance of common disorders of the major organ systems
- Familiarize students with the principles of assessment and management of maxillofacial trauma
- Familiarize students with the diagnosis of oral cancer and the principles of tumour management
- Introduce students to the principles of treatment of dento-facial anomalies including the common orthodontic/maxillofacial procedures involved
- Have knowledge of diagnosing medical emergencies and delivering suitable emergency drugs using, where appropriate, intravenous techniques.

**B- Intended Learning Outcomes (ILOs):** Upon successful completion of this course students will be able to have:

**A. Knowledge and Understanding (student should)**

A1) Students should be able to assess a surgical extraction

A2) Students should be aware of their surgical limitations and understand when to refer for secondary or tertiary care.

**B. Intellectual skills - with ability to**

B1) Describe the clinical, radiological and histopathological features of an oral disease or pathology.

B2) Formulate a differential diagnosis and treatment plan.

**C. Subject specific skills – with ability to**

C1) Students should be able to undertake the extraction of teeth and the removal of roots, where necessary utilising surgical techniques involving the raising of a mucoperiosteal flap, bone removal, tooth sectioning, the use of elevators and intraoral suturing.

**D. Transferable skills – with ability to**

D1) Work effectively in case of an oral exam

D2) Work effectively in examining patients

**20. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
<ul style="list-style-type: none"> <li>Instruments</li> <li>Oral Surgery</li> </ul>	Week 1	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to assess a surgical extraction  Students should be aware of their surgical limitations and understand when to refer for secondary or tertiary care.	22	25, A 25,B
<ul style="list-style-type: none"> <li>Suturing techniques</li> <li>Oral surgery</li> </ul>	Week 2	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary utilising surgical techniques involving the raising of a mucoperiosteal flap, bone removal, tooth sectioning, the use of elevators and intraoral suturing.	22	25, A 25,B
<ul style="list-style-type: none"> <li>Oral surgery</li> </ul>	Week 3	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Describe the clinical, radiological and histopathological features of an oral disease or pathology.	22	25, A 25,B

<ul style="list-style-type: none"> <li>Oral surgery</li> </ul>	<b>Week 4</b>	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Describe the clinical, radiological and histopathological features of an oral disease or pathology. Formulate a differential diagnosis and treatment plan.	22	25, A 25,B
<ul style="list-style-type: none"> <li>Oral surgery</li> </ul>	<b>Week 5</b>	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
<ul style="list-style-type: none"> <li>Oral surgery</li> </ul>	<b>Week 6</b>	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
<ul style="list-style-type: none"> <li>Radiographic interpretation</li> <li>Oral surgery</li> </ul>	<b>Week 7</b>	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	<b>ability to</b> describe the clinical, radiological and histopathological features of an oral disease or pathology. Formulate a differential diagnosis and treatment plan.	22	25, A 25,B
<ul style="list-style-type: none"> <li>CPR</li> <li>Oral surgery</li> </ul>	<b>Week 8</b>	Prof Al-Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
<ul style="list-style-type: none"> <li>Oral surgery</li> </ul>	<b>Week 9</b>	Prof Al-Ahmad,	Students should be able to undertake the extraction of teeth and the removal of roots,	22	25, A 25,B

		,Prof Ryalat, Prof Sheyab, Dr Malkawi	where necessary		
• Oral surgery	<b>Week 10</b>	Prof Al- Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
• Oral surgery	<b>Week 11</b>	Prof Al- Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
• Oral surgery	<b>Week 12</b>	Prof Al- Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Students should be able to undertake the extraction of teeth and the removal of roots, where necessary	22	25, A 25,B
• Radiographic interpretation • Oral surgery	<b>Week 13</b>	Prof Al- Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	<b>ability to</b> describe the clinical, radiological and histopathological features of an oral disease or pathology. Formulate a differential diagnosis and treatment plan.	22	25, A 25,B
• Review of clinical scenarios • Oral surgery	<b>Week 14</b>	Prof Al- Ahmad, ,Prof Ryalat, Prof Sheyab, Dr Malkawi	Work effectively in case of an oral exam Work effectively in examining patients	22	25, A 25,B

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference

## 21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- Duration: 8 weeks, 16 hours in total.
- Clinical sessions: one session of 2-hour duration every two weeks.
- Seminars, case presentations and chair side teaching are encouraged.
- Attendance of Day case lists is encouraged.

## 22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

- Each session the students are assessed on the following aspects:
  - History taking and examination
  - Cross infection control
  - Communication skills with peers, patients and supportive staff.
  - Surgical procedure.

**Requirements:** Students are required to complete a minimum number of cases throughout the year.

- Treating a minimum of 12 patients, and encouraged to exceed the minimum number and enhance the surgical training (45%, 40 marks to cover the minimum requirements and 5 marks for the extra cases). Cases to include:
  - Anterior teeth
  - Posterior teeth
  - Remaining roots
  - Root separation
  - One advanced surgical procedure (impactions, pre-prosthetic surgery, apicectomy, pathology).

**Competencies:** Students are required to fulfill the following competencies:

- 1- Interrupted suture
  - 2- Inferior alveolar nerve block
  - 3- Surgical case
  - 4- Referral letter to patient physician.
- Quizzes including supervised suturing on a dummy on 2 occasions (6%).
  - Attending one operating theatre lists with your supervisor (3%).
  - Presentation on a topic chosen with the supervisor (6%).

Instructors' assessment constitutes 50% of the final grade, and 10% are counted for the number of cases.

- Evaluation is conducted on sheet shown in **appendix 1**.
- Final Exam:
  - Clinical exam: involving history taking, examination, cross infection control, communication skills, local anaesthesia and surgical procedure: 30%
  - Oral exam: 10%

**23. Course Policies:**

A- Attendance policies: obligatory

B- Absences from exams and submission of assignments on time: Absence is not allowed unless a formal excuse is provided, assignments should be submitted on time or not accepted.

C- Health and safety procedures: Strict Health and safety protocol is undertaken in the department.

D- Honesty policy regarding cheating, plagiarism, misbehavior: Any violation by students leads to immediate punishment according to faculty violation book.

E- Grading policy: Grades assessment are from A to F

F- Available university services that support achievement in the course: University hospital – Dental department

**24. Required equipment: ( Facilities, Tools, Labs, Training....)**

Oral surgery clinics at Jordan University Hospital

**25. References:**

A- Required book (s), assigned reading and audio-visuals:

- Contemporary Oral and Maxillofacial Surgery. Peterson, Ellis, Hupp & Tucker, 4<sup>th</sup> edition.

B- Recommended books, materials, and media:

- Medical Problems in Dentistry. Scully C and Cawson R, 6<sup>th</sup> edition. 2010

**26. Additional information:**

Name of Course Coordinator: Dr Ziad Malkawi Signature: ----- Date: \_\_\_\_\_

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----